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04-10-01

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#2

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/802,668

DATE: 03/27/2001
TIME: 15:29:58

Input Set : A:\00069US1.txt
Output Set: N:\CRF3\03272001\I802668.raw

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3 <110> APPLICANT: Wood, Linda
 4 Vogeli, Gabriel
 5 Karnovsky, Alla
 6 Linske-O'Connell, Lisa I.
 7 Wang, Jun
 8 Liu, Derong
 10 <120> TITLE OF INVENTION: Human Ion Channels
 12 <130> FILE REFERENCE: 00069US1
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/802,668
 C--> 14 <141> CURRENT FILING DATE: 2001-03-09
 14 <150> PRIOR APPLICATION NUMBER: 60/188,517
 15 <151> PRIOR FILING DATE: 2000-03-10
 17 <160> NUMBER OF SEQ ID NOS: 117
 19 <170> SOFTWARE: PatentIn version 3.0
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 22 <211> LENGTH: 574
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 81 aaggcaaagt agttctataa accttgcatac aaaaatagca attcttgagg cctgcacat 180
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 85 ctgtacccctcc atatctctat aacacagatg tatggttttt ttttattagg cattatccat 300
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 144 tcatctccat ccacgcgcg ctctccctgg cccagtgcattt cagcgtggta ggtcagagg 180
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 161 agtttgcgttgcgtt ggtcctgggg aaaagttcc agggcagcgt ggcaaccagg ttatgtggta 180

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169	catctgtcca ctccctgcgt atccacagat acagggtcag caccctggtc cgttcatcct	420
171	agtgggggca gggaaatggca gagatgtgga catgtatatg catatcctgc cctgtctgt	480
173	cacactcccc tgcagggtc tggtcagcac ccacaaaacct gacttgtcca taccgtccag	540
175	ttcccaccca gacctgacct tgccatgtga ccttagtggg ctcttctt ttctgcccgt	600
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190	atgacatgtt cacacagact tgagggaaaa aagtgtttt ctgaaaaaagt aatgattgaa	180
192	attttattt taaatgatcc tttagatttga attcaatttta gattaacaga ttttctgcc	240
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202	aataaaggga accactaaag ctgtttttt ttcagagca tttataatgg ctaaatttgc	540
204	tgaaataaat tagcacgaaa aataaacata gtttgcatac tatctgtaaa acaaatttcc	600
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258	tttgaatgtt	tgccccctcc	aaaattcacy	ttgaaattta	attgtcattt	taaaagtatt	540
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262	attatgaaag	aatgaattt	gttccctttt	tccctctgtt	cctttggcca	tgtaatgaga	660
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277	aatccccca	aaatcagtgt	tatgcagatt	tactgttata	aactacaatt	ccatttc	180
279	atcccttata	gccatataaa	ttatatttct	gagagtagct	aatatatgt	gtgatccctt	240
281	aaagtcaata	taccacagtc	tgatccaatc	taggcagaaa	gatatagtgg	gtcaaatttg	300
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287	gtatagagg	tccacacagt	tgtctggaa	aaaattgtac	ttgcaagttac	atcatgtcta	480
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FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

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Input Set : A:\00069US1.txt

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:2123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87